Index of Claims

| Ap | nl | ica | tio | n/i | $\overline{Co}$ | ntr  | al | No  |   |
|----|----|-----|-----|-----|-----------------|------|----|-----|---|
| ×Ь | μı | ıca | uv  | 111 | UU              | IILI | v  | 110 | • |

10/612,933

Examiner

Ismael Negron

Reexamination

ANDO ET AL.

Applicant(s)/Patent under

Art Unit

2875

Rejected - (Through numeral)
Cancelled

Allowed ÷ Restricted

Non-Elected

I Interference

A Appeal
O Objected

|               |                | Ц.         | L        |          |              |              | J        |          | Ц        | <u> </u> |
|---------------|----------------|------------|----------|----------|--------------|--------------|----------|----------|----------|----------|
| Cla           | Date           |            |          |          |              |              |          |          |          |          |
| -016          |                | -          | Γ        | т—       | т-'          | I            | Ť        | T        | _        | r(       |
| =             | 2 3 4 5 6 7 8  | છ          |          |          |              | i            |          |          |          |          |
| Final         | ij             | 8/18/05    |          |          | 1            |              |          |          | 1        |          |
| "             | ō              | 80         |          |          | 1            |              |          |          | ĺ        |          |
| <u> </u>      |                | ٠,         | _        | ⊢        | ⊢            | ⊢            | ⊢        | $\vdash$ | ├-       | $\vdash$ |
|               | 9              | Ÿ          |          | ⊢        | <u> </u>     | ┞            | _        | <u> </u> | -        | $\vdash$ |
|               | 2              | Ÿ          |          | _        | <u> </u>     | ⊢            |          | ├-       |          | Н        |
|               | 3              | Ÿ          | <u> </u> | <u> </u> |              | ├            |          |          | <u> </u> | $\vdash$ |
|               | 4              | 7777700777 | _        |          | _            |              | _        | L        | _        | Ш        |
|               | 5_             | ٧          | _        | _        | L            |              | _        |          | _        | H        |
| <u> </u>      | <u> </u>       | ~          |          | ⊢        | $\vdash$     | ⊢            | ⊢        |          | <u> </u> | Н        |
|               |                | 0          | <u> </u> | ⊢        | <u> </u>     | ⊢            | <u> </u> | <u> </u> | <u> </u> | Ш        |
|               | _ 8            | 9          | <u> </u> | <u> </u> | _            | L            | ļ        | _        | L.       | Ш        |
|               |                | 7          | <u> </u> | _        | <u> </u>     | ╙            | <u> </u> | <u> </u> | _        | Ш        |
|               | 90             | <b>V</b>   |          | <u> </u> |              | ļ_           | _        | _        | _        | Ш        |
|               | 11<br>12       | Υ.         | <u> </u> | <u> </u> | <u> </u>     | _            | <u> </u> | <u> </u> | <u> </u> | Щ        |
|               | 12             | Ľ          | <u> </u> | <u> </u> | <u> </u>     | _            | _        | _        | _        | Щ        |
| لــــــا      | 13<br>14<br>15 | ٧          | <u> </u> | <u> </u> | <u> </u>     | _            | <u> </u> | <u> </u> | <u> </u> | Щ        |
|               | 14             | ٧          | <u> </u> |          | _            | <u> </u>     | <u> </u> | _        |          | Ш        |
|               | 15             | ٧          | <u> </u> | <u> </u> |              | L            | <u> </u> |          | <u> </u> | Ш        |
| igsquare      | 16<br>17       | 7777007    |          | <u> </u> | _            | <u> </u>     | <u> </u> |          | <u> </u> | Ш        |
|               | 17             | 0          |          |          |              |              |          | L        | <u></u>  | Ш        |
|               | 18             | ٧          | L        |          |              |              |          |          |          | Ш        |
|               | 18<br>19       | 0          | L        | <u> </u> | <u> </u>     | L            | L        | _        |          | Ш        |
|               | 20             | 0          | _        | 匚        | 匚            |              |          |          | <u> </u> | Ш        |
|               | 21             |            | L        | L        |              |              |          | L        |          | Ш        |
| <u></u>       | 21<br>22<br>23 |            |          |          |              |              |          | L        | L        | Ц        |
|               | 23             |            |          |          |              |              |          | 匚        |          | Ш        |
|               | 24<br>25       |            |          |          |              | <u>_</u>     | _        |          | ļ.,,     |          |
|               | 25             |            |          |          |              | _            | _        |          |          |          |
|               | 26             |            |          | <u> </u> | _            | <u> </u>     | _        | _        | L        | $\Box$   |
| <u> </u>      | 27<br>28       |            |          | <u> </u> | <u> </u>     | <u> </u>     | _        |          | _        | $\vdash$ |
|               | 28             |            |          | _        | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | H        | Н        |
| $\vdash$      | 29<br>30       |            |          | _        | <u> </u> _   |              | _        | <u> </u> | L        | Н        |
| $\vdash$      | 30             |            |          | _        | <u> </u>     | _            |          | <u> </u> |          | Н        |
|               | 31             |            |          |          | <u> </u>     |              | <u> </u> |          |          | Н        |
|               | 32<br>33       |            |          | $\vdash$ | <u> </u>     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | Н        |
|               | 33             |            |          | $\vdash$ | <u> </u>     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | Н        |
|               | 34             | $\vdash$   |          | <u> </u> | <u> </u>     | $\vdash$     | <u> </u> | <u> </u> | H        | Н        |
|               | 35             | _          | <u> </u> | <u> </u> | <u> </u>     | <del> </del> | <u> </u> | <u> </u> | <u> </u> | Н        |
|               | 36             |            |          | <u> </u> | <u> </u>     | $\vdash$     | $\vdash$ | <u> </u> | <u> </u> | Н        |
| <del>  </del> | 37             |            |          | _        | _            | $\vdash$     | $\vdash$ | H        | <u> </u> | Н        |
|               | 38             |            |          | H        | <u> </u>     | <u> </u>     | <u> </u> | L        | <b> </b> |          |
| <b>  </b>     | 39             |            |          | -        | ļ            | <u> </u>     |          | H        | <u> </u> | $\dashv$ |
|               | 40             | $\dashv$   |          | $\vdash$ | _            | $\vdash$     | Н        | $\vdash$ | $\vdash$ | $\dashv$ |
|               | 41             |            |          | $\vdash$ |              | $\vdash$     | H        | H        | H        | Н        |
| $\vdash$      |                |            |          | $\vdash$ |              |              | -        | -        | H        | $\dashv$ |
| $\vdash$      | 43<br>44       | -          |          |          | <u> </u>     | $\vdash$     |          |          | Н        | $\dashv$ |
|               |                |            |          | -        | $\vdash$     | $\vdash$     |          | $\vdash$ | Н        | $\dashv$ |
|               | 45             |            |          | -        | <del> </del> | $\vdash$     | -        | $\vdash$ | Н        | $\dashv$ |
|               | 46<br>47       |            |          | $\vdash$ | -            | $\vdash$     | —        | -        | Н        | $\dashv$ |
| $\vdash$      |                | -          |          | $\vdash$ | <u> </u>     | Ι            |          | $\vdash$ | Н        | $\dashv$ |
|               | 48<br>49       | $\dashv$   |          | -        | <u> </u>     | -            |          |          | $\vdash$ | $\dashv$ |
| $\vdash$      | 50             | $\dashv$   |          | $\dashv$ |              | H            | _        | H        | $\vdash$ | $\dashv$ |
| لــــا        | <u>υ</u>       |            |          | لبا      | لـــا        | ш            |          |          | Ш        |          |

| Cla   | aim      | Date     |          |              |              |          |          |              |  |          |   |
|-------|----------|----------|----------|--------------|--------------|----------|----------|--------------|--|----------|---|
| Final | Original |          |          |              |              |          |          |              |  |          |   |
|       |          | L        |          | <u> </u>     |              |          |          | _            | _  |          |   |
|       | 51       |          |          |              |              |          |          |              |  |          |   |
|       | 52       |          |          |              |              |          |          |              | L  | L        |   |
|       | 53       |          | _        |              | _            | 匚        |          | $oxed{oxed}$ | L  |          |   |
|       | 54<br>55 |          | _        | <u> </u>     | L_           | L        |          | 匚            | L  | L        |   |
|       | 55       |          | _        |              | L_           | _        |          | ᆫ            | L  | _        |   |
|       | 56       | <u> </u> |          | <u> </u>     |              | _        | _        | <u> </u>     | <u> </u>   | <u> </u> |   |
|       | 57       |          | L        | <u> </u>     |              | _        |          |              | _  |          |   |
|       | 58       |          | <u> </u> |              | _            | <u> </u> | <u> </u> | _            |  | _        |   |
|       | 59       | _        | <u> </u> | L.           | ļ            |          | _        | _            | _  |          | ŀ |
|       | 60       | _        | <u> </u> | _            | _            |          | <u> </u> | <u> </u>     | <u> </u>   |          | l |
|       | 61       |          | ┡-       | ⊢            | <u> </u>     | _        | <u> </u> | <u> </u>     | <u> </u>   | _        |   |
|       | 62       | _        | <u> </u> | _            | <b>—</b>     |          | _        | <u> </u>     | ⊢  |          |   |
|       | 63       | <u> </u> | <u> </u> |              | _            |          | ⊢        | $\vdash$     | _  | <u> </u> |   |
|       | 64       |          | _        | ⊢            | <del> </del> |          | -        | ├-           | <u> </u>   | $\vdash$ |   |
|       | 65       | _        |          | ├            | ⊢            |          |          |              | <u> </u>   |          |   |
|       | 66       | _        | _        | ⊢            | ⊢            | -        | ⊢        | ⊢            | ⊢  | -        |   |
|       | 67       |          | _        | ⊢            | ⊢            | -        | ⊢        | ⊢            | ⊢  | ┝        |   |
|       | 68       | _        |          | ⊢            | ⊢            | _        | ⊢        | ⊢            | ⊢  | $\vdash$ |   |
|       | 69<br>70 |          | $\vdash$ | $\vdash$     | -            | _        | ⊢        | ⊢            | <del> </del>                                     | <u> </u> |   |
|       | 71       | _        | -        | <del> </del> | -            | -        | -        | -            | -  | H        |   |
|       | 71       | -        |          | ⊢            | -            | -        | -        | _            |  | H        |   |
|       | 72<br>73 |          | ┝        | $\vdash$     |              | -        | $\vdash$ | $\vdash$     | ⊢  | -        |   |
|       | 74       | -        | ┢        | ⊢            | -            | ┝        | ⊢        | ⊢            | -  | _        |   |
|       | 75       |          | ┢        |              |              | _        |          |              |  |          |   |
|       | 76       | -        | _        | -            |              | $\vdash$ | $\vdash$ |              |  |          |   |
|       | 77       |          |          | -            | -            |          |          |              |  |          |   |
|       | 78       |          |          | <del> </del> | $\vdash$     | $\vdash$ |          |              |  |          |   |
|       | 79       |          |          | -            | <u> </u>     |          |          | -            | <del>  -  </del>                                 | _        |   |
|       | 79<br>80 |          |          | $\vdash$     | $\vdash$     |          |          | _            | -  |          |   |
|       | 81       |          |          |              | $\vdash$     | Н        | <u> </u> | -            | -  | _        |   |
|       | 82       | _        |          |              | $\vdash$     |          |          |              | $\vdash$   |          |   |
|       | 82<br>83 |          | _        | _            |              | _        | <u> </u> | $\vdash$     | <del>                                     </del> |          |   |
|       | 84       | _        | -        | _            | _            |          | $\vdash$ | $\vdash$     |  | П        |   |
|       | 85       |          |          |              |              |          |          |              |  |          |   |
|       | 86       |          |          |              |              |          |          |              |  |          |   |
|       | 87       |          | П        | Г            |              |          | П        | Г            | Г  |          |   |
|       | 88       |          |          |              |              |          |          |              |  |          |   |
|       | 89       |          |          |              |              |          |          |              |  |          |   |
|       | 90       |          |          |              |              |          |          |              |  |          |   |
|       | 91       |          |          |              |              |          |          |              |  |          |   |
|       | 92       |          |          |              |              |          | $\Box$   |              |  |          |   |
|       | 93       |          |          |              |              |          |          |              |  |          |   |
|       | 94       |          |          |              |              |          |          |              |  |          |   |
|       | 95       | _        | Ш        | Ш            |              | Щ        | oxdot    | Ш            | Ш  | Ш        |   |
|       | 96       |          |          |              |              |          |          |              |  |          |   |
|       | 97       |          |          |              |              | Ш        |          | Ш            |  |          |   |
|       | 98       |          |          | L_           | Ш            |          | L.       | L            | L_   |          |   |
|       | 99       |          |          | L_           | Щ            | Щ        |          | Щ            |  | Ш        |   |
|       | 100      |          |          |              |              |          |          |              |  |          |   |

|       | -:   | Date     |          |          |          |          |          |          |          |                |  |
|-------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------------|--|
| Ci    | aim  | _        |          | _        |          | Jate     | <u> </u> | _        | _        |                |  |
| Final | Original   |          |          |          |          |          |          |          |          |                |  |
|       | 101<br>102   |          |          |          |          |          |          |          |          |                |  |
|       | 102  | $\vdash$ | ⊢        | $\vdash$ | $\vdash$ | $\vdash$ | ⊢        | $\vdash$ | $\vdash$ | Н              |  |
|       | 104  |          | ┢        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          | Н              |  |
|       | 105  |          |          |          |          |          |          |          |          |                |  |
|       | 103<br>104<br>105<br>106                             |          |          |          |          |          |          |          |          |                |  |
|       | 107  |          |          |          | <u> </u> |          |          | <u> </u> |          |                |  |
|       | 108<br>109   |          |          | <u> </u> | $\vdash$ | L        | <u> </u> |          |          |                |  |
|       | 110  |          |          |          | -        | ┝        |          |          | _        | -              |  |
|       | 111  |          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          |          | $\vdash$       |  |
|       | 111<br>112   |          |          |          |          |          | İ        |          |          |                |  |
|       | 113  |          |          |          |          |          |          |          |          |                |  |
|       | 113<br>114<br>115                                    |          |          | _        | _        | _        |          |          |          |                |  |
|       | 115  |          | <u> </u> | ┡        | ┡        | <u> </u> |          |          |          | Н              |  |
|       | 116<br>117   |          | -        | ├        | ├        | ├        | _        | -        | $\vdash$ | Н              |  |
|       | 118  |          | <u> </u> | ┢        | $\vdash$ | H        | $\vdash$ |          | ┢        | Н              |  |
|       | 119  |          | T        |          |          |          |          |          |          | П              |  |
|       | 120  |          |          |          |          |          |          |          |          |                |  |
|       | 121  |          | <u> </u> | <u> </u> | _        | <u> </u> |          |          | <u> </u> | Ш              |  |
|       | 122  | _        | <u> </u> | _        | _        |          |          |          | _        | H              |  |
|       | 124  |          | _        | H        | H        | $\vdash$ | -        | ┝        | $\vdash$ | Н              |  |
|       | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126 | _        |          |          | H        |          | H        |          | <u> </u> | Н              |  |
|       | 126  | _        |          |          |          |          |          |          |          |                |  |
|       | 127<br>128<br>129                                    |          |          |          |          |          |          |          |          |                |  |
|       | 128  |          |          | _        |          |          | _        |          | _        | Н              |  |
|       | 129  |          |          | <u> </u> | <u> </u> | L        | _        |          |          | Н              |  |
|       | 131  |          | _        | $\vdash$ | $\vdash$ | ┢        |          |          |          | Н              |  |
|       | 130<br>131<br>132                                    |          |          |          | Н        | Н        |          |          |          | H              |  |
|       | 133  |          |          |          |          |          |          |          |          |                |  |
|       | 134  |          |          |          |          |          |          |          |          | Ш              |  |
|       | 135<br>136   |          |          | -        | _        |          |          | _        |          | $\vdash$       |  |
|       | 136  | _        |          |          | _        | _        | _        | -        |          | $\vdash$       |  |
|       | 138  |          |          |          |          |          |          |          |          | Н              |  |
|       | 138<br>139   |          |          |          |          |          |          |          |          | H              |  |
|       | 140  |          |          |          |          |          |          |          |          |                |  |
|       | 141  |          |          |          |          |          |          |          |          | Ш              |  |
|       | 142  |          | _        | <u> </u> | <u> </u> | <u> </u> |          |          |          | Щ              |  |
|       | 143<br>144   | _        | _        | _        | <u> </u> | -        | _        |          | _        | $\vdash$       |  |
|       | 145  | _        |          |          |          | _        | _        | _        | -        | $\vdash\vdash$ |  |
|       | 146  |          |          |          |          |          |          |          |          | H              |  |
|       | 147  |          |          |          |          |          |          |          |          |                |  |
|       | 148  |          |          |          |          |          |          |          |          |                |  |
|       | 149  |          |          | Щ        |          |          |          |          |          | $\sqcup$       |  |
|       | 150  |          |          |          |          |          |          | Щ        |          | Ш              |  |